

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	375/260.ccls. and ((carrier or channel or (sub adj1 channel) or frequencies) same ((symbol or data or bit) near2 (rate or speed))) and ((clock\$4 same (serial near2 parallel)) same counter same "IFFT")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/24 17:35
S2	0	375/260.ccls. and ((carrier or channel or (sub adj1 channel) or frequencies) same ((symbol or data or bit) near2 (rate or speed))) and ((clock\$4 same (serial near2 parallel)) same counter same (inverse with fourier with transform))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/24 17:41
S3	2	((carrier or channel or (sub adj1 channel) or frequencies) same ((symbol or data or bit) near2 (rate or speed))) and ((clock\$4 same (serial near2 parallel)) same counter same "IFFT")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/24 18:03
S4	0	((carrier or channel or (sub adj1 channel) or frequencies) same ((symbol or data or bit) near2 (rate or speed))) and ((clock\$4 same (serial near2 parallel)) same counter same (inverse with fourier with transform))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/24 17:41
S5	1	((carrier or channel or (sub adj1 channel) or frequencies) same ((symbol or data or bit) near2 (rate or speed))) and ((clock\$4 same (serial near2 parallel)) same counter same (inverse with transform))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/24 17:42
S6	12378	((carrier or channel or (sub adj1 channel) or frequencies) same ((symbol or data or bit) near2 (rate or speed))) and ((carrier or channel or (sub adj1 channel) or frequencies) with zero)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/24 18:01
S7	4608	((carrier or channel or (sub adj1 channel) or frequencies) same ((symbol or data or bit) near2 (rate or speed))) and ((carrier or channel or (sub adj1 channel) or frequencies) near2 zero)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/24 18:01

## EAST Search History

S8	841	((adjust\$4 or chang\$4 or vary\$4) near3 (carrier or channel or (sub adj1 channel) or frequencies)) same ((symbol or data or bit) near2 (rate or speed))) and ((carrier or channel or (sub adj1 channel) or frequencies) near4 zero)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/24 18:07
S9	4	((adjust\$4 or chang\$4 or vary\$4) near3 (carrier or channel or (sub adj1 channel) or frequencies)) same ((symbol or data or bit) near2 (rate or speed))) and ((carrier or channel or (sub adj1 channel) or frequencies) near4 (zero adj1 magnitude))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/10/24 18:07
S10	437	(rate or speed or carrier or sub-channel) same ("IFFT" or (inverse adj2 Fourier)) same (serial near2 parallel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 17:31
S11	7	(rate or speed or carrier or sub-channel) same ("IFFT" or (inverse adj2 Fourier)) same (serial near2 parallel) same clock\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 15:50
S12	2	("6175550").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 19:21
S13	28	("IFFT" or (inverse adj2 Fourier)) same (serial near2 parallel) same clock\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/15 09:23
S14	49	(select\$4 near3 (individual adj1 carrier))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 19:33
S15	418	(header near4 ((symbol or transmission or data) adj1 rate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 19:34
S16	34	(header near4 ((symbol) adj1 rate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 19:35
S17	263	(header near4 ((data) adj1 rate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 19:35

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S18	38	(header near4 (includ\$4 or identify\$4) near4 ((data) adj1 rate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 19:37
S19	743	(multicarrier or multi-carrier) same ((select\$4 or choos\$4) near3 (carrier or frequency or subcarrier or channel or subchannel))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/25 19:38
S20	660	(multicarrier or multi-carrier) same ((select\$4 or choos\$4) near3 (carrier or frequency or subcarrier or channel or subchannel))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/25 19:38
S21	25	(multicarrier or multi-carrier) and (carrier with "no signal")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/11/11 10:56
S22	25	(multicarrier or multi-carrier) and (((adjust\$4 or chang\$4) near3 (carrier or subcarrier or sub-carrier)) same ("no data" or "no signal" or zero))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 16:59
S23	24	S22 not S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 17:18
S24	2	("5291289").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 17:05
S25	2	("6726297").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 17:07
S26	2	("6452907").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/26 17:07
S27	382	(signal near3 (zero adj1 magnitude))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 17:18
S28	77	(signal near3 (zero adj1 magnitude)) same (carrier or frequency)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 17:19
S29	5	(signal near3 (zero adj1 magnitude)) and (multicarrier or multi-carrier)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 17:19

## EAST Search History

S30	66	((("IFFT" or (inverse adj2 Fourier)) same (serial near2 parallel)) and counter and clock\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/26 17:32
S31	2	("6175550").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/11 10:33
S32	2	"6175550".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/11 10:52
S33	2	("6175550").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/11/11 10:52
S34	9	((("IFFT" or (inverse adj2 Fourier)) same (serial near2 parallel) same clock\$4 and count\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/02/15 09:23
S35	0	"6175550".pn. and (phase adj1 lock\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 15:51
S36	0	"6175550".pn. and ("PLL")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 17:40
S37	21	(select\$4 or choos\$4) same ((("IFFT" or (inverse adj2 Fourier)) with (clock\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 17:56
S38	879	(multiplex\$5) same ((("IFFT" or (inverse adj2 Fourier)) with (clock\$4 or frequency))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 17:56
S39	448	(multiplex\$5) same ((("IFFT" or (inverse adj2 Fourier)) with (clock\$4 or frequency)) same (carriers or sub-carriers or subcarriers)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 17:57
S40	9	(multiplex\$5) same ((("IFFT" or (inverse adj2 Fourier)) with (clock\$4)) same (carriers or sub-carriers or subcarriers)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 17:59
S41	3	((("IFFT" or (inverse adj2 Fourier)) with (clock\$4)) with "PLL"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 18:00

## EAST Search History

S42	4	((("IFFT" or (inverse adj2 Fourier)) with (clock\$4)) with (phase adj2 lock\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 18:01
S43	8	("IFFT" or (inverse adj2 Fourier)) with (phase adj2 lock\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 18:01
S44	78925	((("IFFT" or (inverse adj2 Fourier)) with (clock\$4)) xzme (phase adj2 lock\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 18:01
S45	6	((("IFFT" or (inverse adj2 Fourier)) with (clock\$4)) same (phase adj2 lock\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 18:02
S46	5	((("IFFT" or (inverse adj2 Fourier)) same (sub-carriers or subcarriers or carriers)) same (phase adj2 lock\$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 18:03
S47	38	("IFFT" or (inverse adj2 Fourier)) same (phase adj2 lock\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:30
S48	1	(frequency near2 synthesizer) same (IFFT) same (phase near3 lock\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:23
S49	28	("IFFT") same (phase adj2 lock\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:22
S50	31	("IFFT") same ("PLL")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:26
S51	9	S50 not S49	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:22
S52	27	(Inverse adj2 Fourier) same (phase adj2 lock\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:22
S53	3662	(frequency near2 synthesizer) with (phase near3 lock\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:23

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S54	3616	(frequency near2 synthesizer) with (phase adj2 lock\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:23
S55	19	((frequency near2 synthesizer) with (phase adj2 lock\$4)) same (subcarriers or sub-carriers)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:24
S56	24	(inverse near3 Fourier) same ("PLL")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:25
S57	39	("IFFT" or (inverse adj2 Fourier)) same ("PLL")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:31
S58	8732	(phase adj2 lock\$4) same (carriers or subcarriers)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:31
S59	5	(phase adj2 lock\$4) same (subcarriers) same ("OFDM")	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:32
S60	5	(phase adj3 lock\$4) same (inverse adj1 Fourier)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:33
S61	3275	(phase adj3 lock\$3 adj1 loop) with (frequency adj2 synthesizer)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 19:33
S62	21	((phase adj3 lock\$3 adj1 loop) with (frequency adj2 synthesizer)) and (inverse adj2 Fourier)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2007/03/07 23:40